

Converting Colors

XYZ(47.0850, 42.0176, 47.2235)

Have a look what the booklet for
XYZ(47.0850, 42.0176, 47.2235)
contains.

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Color

**XYZ(47.0850, 42.0176,
47.2235)**

Conversions

Conversions Part 1

Format	Color
Hex	D2A0B1
RGB	210, 160, 177
RGB Percent	82%, 63%, 69%
CMY	0.1765, 0.3725, 0.3059
CMYK	0.00, 0.24, 0.16, 0.18
HSL	340°, 36%, 73%
HSV	340°, 24%, 82%
XYZ	47.0850, 42.0176, 47.2235
YIQ	176.8880, 24.3430, 15.8870

Conversions

Conversions Part 2

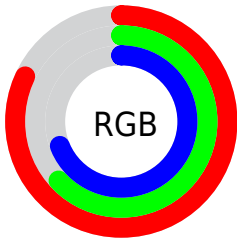
Format	Color
R _Y B	210, 160, 177
Decimal	13803697
CIE Lab	70.88, 21.13, -1.59
CIE LCh	71, 21.190, 355.693
Yxy	42.0176, 0.3454, 0.3082
Android (android.graphics.Color)	4291993777 (0xFFD2A0B1)
YUV	176.8880, 0.0552, 29.0392
Hunter-Lab	64.8210, 16.2230, 2.1806

Details

The XYZ color **47.0850, 42.0176, 47.2235** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.1712, 57.4182, 59.0516**, and the grayscale version is **41.7230, 43.8958, 47.8025**.

A 20% lighter version of the original color is **80.2484, 75.7441, 87.4813**, and **22.5182, 19.1489, 21.5781** is the 20% darker color. If you saturate the color by 10%, you get **42.4353, 34.8178, 39.2000**, and if you desaturate by 10%, it is **52.4923, 50.5071, 56.1929**.

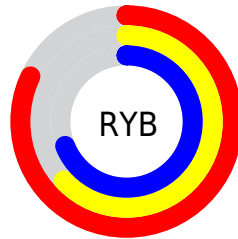
Distribution



Red (82%)

Green (63%)

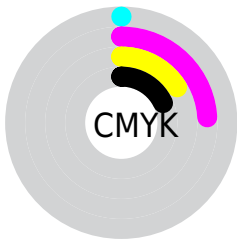
Blue (69%)



Red (82%)

Yellow (63%)

Blue (69%)

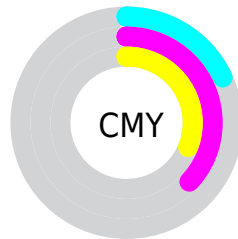


Cyan (0%)

Magenta (24%)

Yellow (16%)

Black (18%)



Cyan (18%)


Magenta (37%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.0850, 42.0176, 47.2235 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 47.0850, 42.0176, 47.2235 by changing the saturation by 10% instead.


 47.0850, 42.0176,
47.2235


 47.0850, 42.0176,
47.2235


365.7970,
354.5559, 392.1255

 33.3111, 29.1151,
32.8568


 85.0585, 78.2263,
87.4006

 22.5252, 19.1679,
21.7465


 109.9887,
102.3012, 114.0481

 14.3621, 11.7917,
13.4742


139.3685,
130.8690, 145.6262

 8.4563, 6.6020,
7.6214

173.5630,
164.3142, 182.5535

 4.4425, 3.2144,
3.7694

212.9378,
203.0211, 225.2485

 1.9554, 1.2447,
1.4997

257.8582,

 0.6087, 0.0978,

247.3740, 274.1299

0.2177

308.6894,
297.7575, 329.6160

0.0000, 0.0000,
0.0000

47.0850, 42.0176,
47.2235

47.0850, 42.0176,
47.2235

42.4353, 34.8178,
39.2000

52.4923, 50.5071,
56.1929

38.5047, 28.8386,
32.0876

58.6864, 60.3397,
66.1363

35.2564, 24.0131,
25.8529

65.6992, 71.5726,
77.0836

32.6488, 20.2655,
20.4594

73.5598, 84.2580,
89.0627

30.6356, 17.5108,
15.8677

79.0203, 91.8944,
101.0085

■ 29.1637, 15.6513,
12.0346

■ 80.3886, 92.4418,
108.2139

■ 28.1695, 14.5685,
8.9115

■ 27.7285, 14.1617,
7.2990

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



45.8020, 42.0176, 57.5882



47.0850, 42.0176, 47.2235



46.3621, 42.0176, 37.8383

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.0850, 42.0176, 47.2235



37.0689, 42.0176, 30.3902



36.2362, 42.0176, 63.7342

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



47.0850, 42.0176, 47.2235



47.1712, 57.4182, 59.0516

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



34.1338, 42.0176, 54.6942



47.0850, 42.0176, 47.2235



34.5944, 42.0176, 35.6567

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



47.0850, 42.0176, 47.2235



40.4477, 42.0176, 28.9925



33.5508, 42.0176, 44.3075



39.4296, 42.0176, 67.9692

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47.0850, 42.0176, 47.2235



44.8613, 42.0176, 33.2155



33.5508, 42.0176, 44.3075



35.3860, 42.0176, 61.0973

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



47.0862, 42.0195, 47.2244



87.7783, 88.3995, 97.4032



46.0703, 41.0687, 66.4722



18.6603, 18.7179, 20.6439



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.0862, 42.0195, 47.2244



68.9376, 58.7935, 66.2279



46.8355, 44.0626, 39.2965



11.9722, 11.8736, 13.1294



16.9562, 8.6553, 4.6758



0.9849, 0.4987, 0.4552

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



47.0862, 42.0195, 47.2244



68.9376, 58.7935, 66.2279



47.3696, 54.6041, 69.0163



11.9722, 11.8736, 13.1294



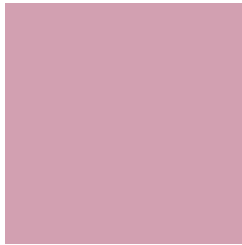
16.9562, 8.6553, 4.6758



0.9849, 0.4987, 0.4552

Previews

White Background



This preview shows how the XYZ color 47.0850, 42.0176, 47.2235 looks on a white background.

Color Contrast Check

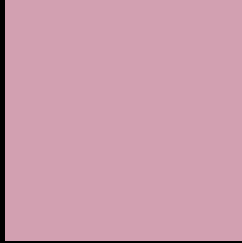
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 47.0850, 42.0176, 47.2235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

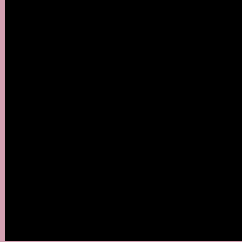
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.0850, 42.0176, 47.2235

Background



This preview shows how black text looks on a background with the XYZ color 47.0850, 42.0176, 47.2235.



This preview shows how white text looks on a background with the XYZ color 47.0850, 42.0176,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

47.0850, 42.0176, 47.2235

Protanopia

41.1561, 42.3886, 51.9116

Deuteranopia

42.9757, 42.0476, 46.4084



Tritanopia

46.8660, 42.2085, 45.2121

Trichromacy



Original Color

47.0850, 42.0176, 47.2235

Protanomaly

42.9396, 41.9475, 50.0895

Deuteranomaly

44.3176, 41.9152, 46.8289

Tritanomaly

46.9632, 42.2474, 45.7237

Monochromacy



Original Color

47.0850, 42.0176, 47.2235

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

43.4850, 43.1190, 47.6259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0850, 42.0176, 47.2235 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(210, 160, 177)` looks like.

```
.text, #text, p{  
    color:rgb(210, 160, 177)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(210, 160, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 160, 177) }
```

Border

The CSS property to change the border of an element to XYZ 47.0850, 42.0176, 47.2235 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 160, 177) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(210, 160, 177) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(210, 160, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 160, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 160, 177);  
box-shadow:4px 4px 4px 4px rgb(210, 160,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0850, 42.0176, 47.2235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 160, 177) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(210,  
160, 177) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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